



WIRELESS  
EDGE

# The IAE: MT-900007

The Ultimate Low Cost Radio & Antenna Solution



The complete **Integrated Antenna Enclosure (IAE)** kit for low cost Fixed Wireless Subscriber unit or RFID Reader, Includes Enclosure, Mounting kit, Adapting Plate and integrated antenna. This enables an equipment manufacturer to easily introduce a low cost Radio & antenna solution.

## Features

- Accommodates any of MTI's standard antennas in any band from 1 foot and above including diamond shape and BTS antennas.
- Provides adequate space for any conventional radio and modem electronics.
- Includes adapting internal plate designed to customer's specific assembly needs.
- Includes professional mounting kit that allows both wall and pole installation and both azimuth and elevation control.
- ESTI design to withstand all electrical and environmental requirements.
- Designed for customers self installation.

## Benefits

- Complete low cost Fixed Wireless Subscriber unit or RFID Reader solution.
- Highly professional and aesthetic antenna solution.
- Can be branded with your company Logo.
- Customer self-installed.
- Aesthetic packaging.

# MT-900007 (IAE)

## Specification:

Enclosure Size	305x305x70mm (external) 250x250x39.5mm (max internal space)
Antenna Size	305x305mm (min) to 450x450mm (max)
Connectors	CAT 5 and N-Type
Power Dissipation	20W max (32w optional)
Mounting	Both wall and wall mount
AZ/EL control	Both
Pole Size	0.5"-3" $\varnothing$
Weight	2.5Kg (without antenna)
Temperature	-55°C to 71°C
Vibration	IC 60721 3-4 4M5 Random
Shock Mechanical	IEC 60721 3-4 4M5
Humidity	100 %
Water Tightness	IEC 529 / IP67
Solar Radiation	ASTM G53 1000h
Ice Load	25m radial
Salt Fog	IEC 8-2-11 Ka 500 hours



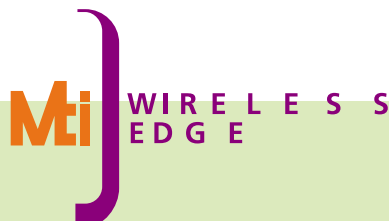
IAE: MT-900007 available with our Best Selling Antennas:

MTI Model #	Frequency Band	Gain (dBi)	Special Features
MT-182011/SV/E	405-450 MHz	8 dBi	For RFID Reader
MT-182016/SRH/E	430-437 MHz	9 dBic	For RFID Reader
MT-262006/SRH/E	902-928 MHz	8.5 dBic	For RFID Reader
MT-262001/S/E	902-928 MHz	9 dBi	
MT-263003/S/E	902-928 MHz	10 dBi	
MT-263006/S/E	902-928 MHz	12.5 dBi	
MT-30081/S/G	2.4-2.5 GHz	15.5 dBi	
MT-364023/S/E	2.4-2.7 GHz	16 dBi	
MT-364002/S/E	2.5-2.7 GHz	16 dBi	
MT-345013/S/E	2.4-2.5 GHz	19 dBi	
MT-405013/CS/E	3.3-3.8 GHz	18.5 dBi	
MT-465005/S/E	4.9-5.35 GHz	20.5 dBi	
MT-485028/S/E	5.15-5.875 GHz	22 dBi	
MT-485002/S/E	5.15-5.875 GHz	23 dBi	Diamond Shape
MT-485034/S/E	5.25-5.875 GHz	23 dBi	Dual Pol. (V+H)
MT-485025/SVH/E	5.15-5.875 GHz	23 dBi	
MT-486004/S/E	5.15-5.875 GHz	26 dBi	
MT-484032/SV/E	5.15-5.875 GHz	17 dBi	BST 90deg V

■ Other antennas available upon special request

### WAIVER!

While the information contained in this document has been carefully compiled to the best of our present knowledge, it is not intended as presentation or warranty of any kind on our part regarding the fitness of the products concerned for any particular use or purpose and neither shall any statement contained herein be construed as a recommendation to infringe any industrial property rights or as a license to use any such rights. The fitness of each product for any particular purpose must be checked beforehand with our specialists.



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